

ABSTRACT

WATER-RESISTANT PORTABLE APPARATUS  
COMPRISING AN ELECTROACOUSTIC TRANSDUCER

The present invention concerns a water-resistant portable apparatus (1) including a case (2) in which there is mounted an electroacoustic transducer (21) separated from an inlet cavity (11) in a water-resistant manner by a deformable membrane (15). This inlet cavity is arranged in said case and in direct communication  
5 with the exterior. The electroacoustic transducer and the inlet cavity are arranged collaterally such that at least one part of said transducer, respectively of the cavity, of a determined thickness is arranged in the same slice (28) of the case and in that an acoustic channel (24) connects the transducer to the membrane to transmit acoustic vibrations.

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Figure 1